



ANJ BIOMEDICALS LLC Tel: 302.357.7443  
630 Route 206, Bordentown, NJ , 08505  
www.anjbiomedicals.com info@anjbiomedicals.com

## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** HEPES FREE ACID  
**PRODUCT NUMBER:** 100143  
**BATCH NUMBER:** ZY2201007  
**CAS NO.:** 7365-45-9  
**MOLECULAR FORMULA:** C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S  
**MOLECULAR WEIGHT:** 238.30  
**MFG. DATE:** JAN. 2022  
**EXP. DATE:** DEC. 2026

<b>Test</b>	<b>Standard</b>	<b>Observed</b>
Description	White powder	White powder
Assay	(Min.) 99%	99.25%
Chloride (Cl)	<0.005%	0.004%
Sulphate (SO <sub>4</sub> )	<0.005%	<0.005%
Heavy metals (as Pb)	<0.0005%	0.0004%
Sodium (Na)	<0.01%	<0.01%
Loss on drying at 105°C	<1%	0.7%

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